**Analytics Based On GLIS Data**

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**Purpose**

1. Spatial Understanding: GIS analytics visually reveals patterns and relationships in geographic data.
2. Predictive Modelling: Combines spatial data with statistical analysis to predict trends and identify potential hotspots.
3. Provide Analysis of Land Data for Target Audience.

**Scope**

1. **Project management**
2. **Business**
3. **Research**
4. **Urban Planning**

**Definition**

Government Land Information System (GLIS) is a platform designed to organize, manage, and provide information related to government-owned land, encompassing details on ownership, land use, and regulatory data.

**Responsibility**

1. Data Acquisition:

Collecting and aggregating data from the Government Land Information System (GLIS) and relevant sources.

1. Data Analysis:

Conducting in-depth analysis of GLIS data to derive meaningful insights and trends.

1. Spatial Analytics:

Utilizing geographic information for spatial analytics to understand patterns and relationships.

1. Visualization:

Creating visual representations of data findings for easy interpretation and presentation.

1. Accuracy:

Ensuring the accuracy and reliability of analytics results derived from GLIS data.

Technology Integration:

1. Real-time Recommendations:

Implement real-time recommendation capabilities for dynamic updates based on user interactions.

1. Documentation

Maintaining comprehensive documentation of the analytics process, methodologies, and results.

1. Project Management:

Managing the overall project, including timelines, resources, and stakeholder expectations.

**Procedure**

* Understanding the Architecture
* Understanding Data Flow Diagram
* Interpretation of Codebase as per requirement from architectural components.
* Making Desired Changes keeping in mind the reliability,useablity and simplicity of understanding.
* Testing as per security and privacy norms.
* Regular Monitoring after final Deployment.

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| **VERSION HISTORY** | | | |
| **Version No.** | **Date** | **Writer** | **Notes** |
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